



city of  
**greenville**

# News Release

## **CITY AND PARTNERS FIND CREATIVE USE FOR RECYCLED GLASS AT KROC CENTER**

**(Greenville SC)** The City of Greenville recently partnered with Greater Greenville Sanitation, Arbor Engineering and the South Carolina Glass Recycling Group on a pilot project to capture and treat stormwater runoff at the Kroc Center. The project involved using recycled glass and pervious concrete for a 3,077-square-foot section of a new parking lot on the Kroc Center's property.

According to Dwayne Cooper, the City's engineering services manager, when the South Carolina Glass Recycling Group was looking for ways to utilize recycled glass, City of Greenville and Greater Greenville Sanitation staff began coming up with ideas, including using the glass as a drainage layer under a parking lot. Greater Greenville Sanitation received a grant to haul the recycled glass from Horry County, and City staff proposed the idea of doing the pilot project at a meeting with the Kroc Center and Arbor Engineering to discuss a planned parking lot.

City crews delivered the recycled glass, which was rolled and tamped by RCS Grading. By using recycled glass under the parking lot's pervious concrete pavement, rainwater is able to run down through the pavement into the glass layer, and then out through drainage pipes. This system filters and cools the water, and provides an environment for organisms that break down oil and other pollutants before the water is discharged into the nearby Reedy River. To Cooper's knowledge, this is the first glass/pervious concrete system currently in place in the city, so the water from the parking lot will be tested to measure the benefits of the system and promote the use of recycled glass.

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